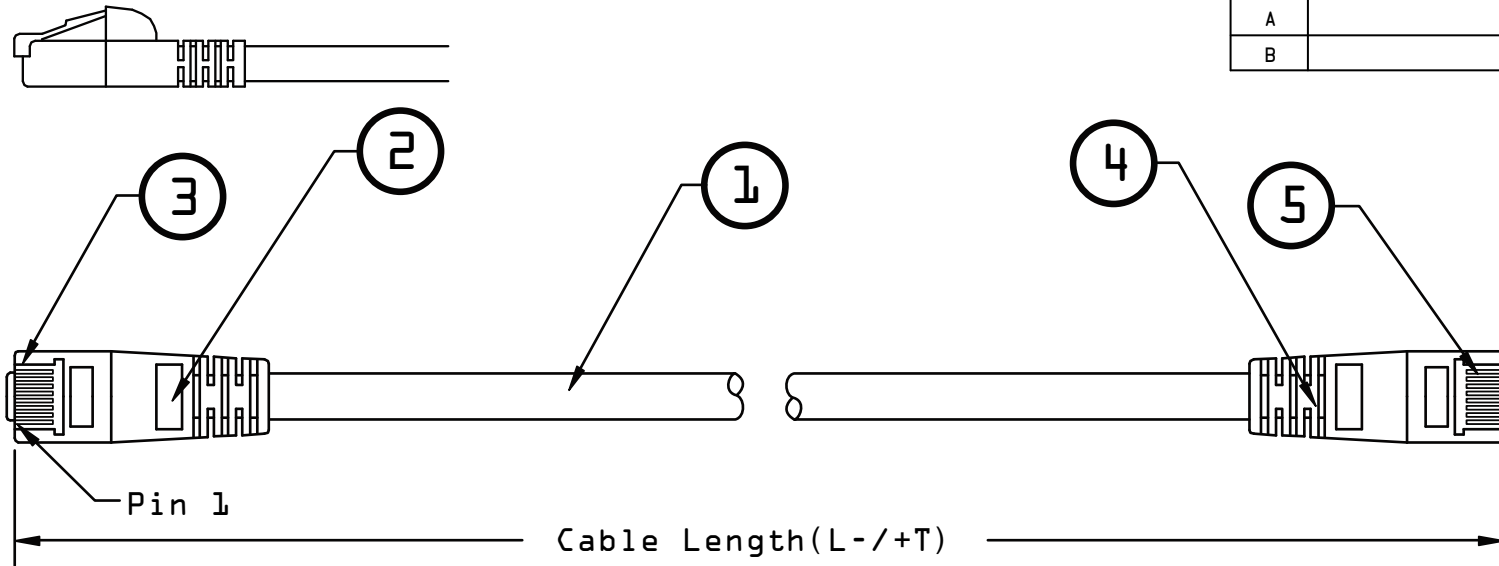




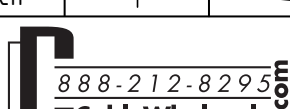
REV.	DESCRIPTION	DATE
A		
B		02-2014



Pin Assignment	
RJ45 Male	RJ45 Male
1	1
2	2
3	3
6	6
4	4
5	5
7	7
8	8

Color Options
Gray, Black, Green, Purple, Orange, Blue, Red, Pink, Yellow and White

PART NO.	CABLE LENGTH	
	L	-/+T(mm)
10X6-0xx00.5	0.5 ft	-10/+30
10X6-0xx01	1 ft	-10/+30
10X6-0xx01.5	1.5 ft	-10/+30
10X6-0xx02	2 ft	-10/+30
10X6-0xx03	3 ft	-10/+30
10X6-0xx04	4 ft	-15/+50
10X6-0xx05	5 ft	-15/+50
10X6-0xx06	6 ft	-15/+50
10X6-0xx07	7 ft	-15/+50
10X6-0xx10	10 ft	-15/+50
10X6-0xx12	12 ft	-15/+50
10X6-0xx14	14 ft	-20/+50
10X6-0xx15	15 ft	-20/+50
10X6-0xx20	20 ft	-30/+60
10X6-0xx25	25 ft	-35/+75
10X6-0xx30	30 ft	-45/+90
10X6-0xx35	35 ft	-50/+100
10X6-0xx50	50 ft	-75/+150
10X6-0xx75	75 ft	-100/+200
10X6-0xxHD	100 ft	-150/+300

		ITEM NUMBER	10X6-0xxxx		DRAWER	JL
5	RJ45 Plug, w/30u Gold Plating Contacts	TITLE	CAT-5 E, 100MHz UTP, Molded w/Boot, Network Cable.		CHECKED	MAC
4	PVC Molded Hood				APPROVED	MAC
3	RJ45 Plug, w/30u Gold Plating Contacts	MATERIAL		SCALE		
2	PVC Molded Hood	REV.	A	UNIT		
1	UTP, 24AWG, 4 Twisted Pairs, Stranded Bare Copper, UL ETL, EIA/TIA-568B Verified Category 5 E, Short Body Connectors, OD: 5.5mm	DRAWING NO:				
NO.	SPECIFICATIONS					
BOM LIST						

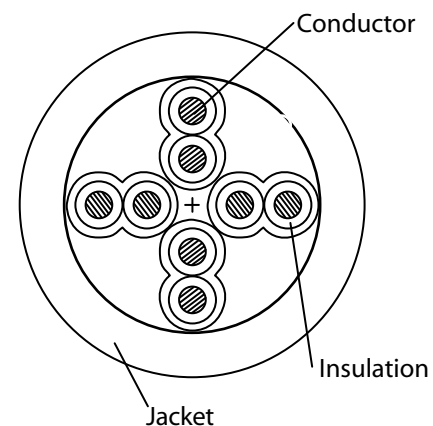
## Product Specifications

REV.	DESCRIPTION	DATE
B		02-2006
C		11-2013

### Construction & Material :

Item		Unit	Specification
Product			CAT-5 E UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.196
	Diameter	mm	0.588
Insulation	Material		HD-PE
	Min.thickness	mm	0.161
	Avg.thickness	mm	0.181
	Diameter	mm	0.99
	Color		Blue-White/Blue      Orange-White/Orange Green-White/Green      Brown-White/Brown
Twisting	Construction		See Cross Section
Cabling	Construction		See Cross Section
Jacket	Material		PVC
	Min.thickness	mm	0.45
	Avg.thickness		0.55
	Overall Diameter	mm	5.50 ± 0.20
	Color		By Order
Marking	TYPE CM 75°C (UL) E188630 24AWG CSA LL81295 CMG 75°C FT4 ETL VERIFIED TIA/EIA-568 B.2 CAT.5e Patch Cable UTP		

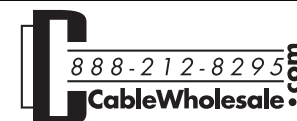
Cross Section:



DRAWER	JL
CHECKED	MAC
APPROVED	MAC

Black Cable : White Marking  
Other Cable : Black Marking

COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	10X6-0xxSH	CAT-5 E UTP, 24AWG, Stranded



# Electrical Property :

REV.	DESCRIPTION	DATE
B		02-2006
C		11-2013

Item		Unit	Specification		Standard		
D-C Resistance		Ωm/100M	AT 20°C		DC Max.9.3Ω		
D-C Resistance Unbalance		%	-----		Max.5		
Capacitance Unbalance		pF/100M	-----		Max.330		
Characteristic Impedance 1.0-100.0MHz		Ωm/100M	-----		100±15		
Temperature rating		°C	-----		75°C		
Dielectric Withstand		VAC/1MIN	700		No Breakdown		
Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	ELFEXT Pair-Pair (dB)	ELFEXT Power Sum (dB)	Structural Return Loss (dB)	Return Loss (dB)
1	2.4	65.3	62.3	63.8	60.8	23.0	20.0
10	7.8	50.3	47.3	43.8	40.8	23.0	25.0
16	9.9	47.3	44.4	39.7	36.7	23.0	25.0
20	11.1	45.8	42.8	37.7	34.7	23.0	25.0
25	12.5	44.4	41.3	35.8	32.8	22.0	24.2
31.25	14.1	42.9	39.9	33.9	30.9	21.1	23.3
62.5	20.4	38.4	35.4	27.8	24.8	18.1	20.7
100	26.4	35.3	32.3	23.8	20.8	16.0	19.0

DRAWER	JL
CHECKED	MAC
APPROVED	MAC
